

GP-303471

## ACCELERATING CATALYTIC CONVERSION

## ABSTRACT OF THE DISCLOSURE

A method of reducing exhaust emission from a catalytic converter apparatus of a vehicle, the apparatus including at least one catalytic converter, each of the at least one catalytic converter having a catalyst brick positioned  
5 within a predefined length of the vehicle. The method includes directing exhaust to pass more than once through the predefined length through at least one of the at least one catalyst brick. The converter apparatus can accelerate catalyst conversion reactions and thus accelerate converter system light-off.